

Safety Data Sheet

U.S.Department of Labor

May be used to comply with Occupational Safety and Health Administration OSHA's Hazard Communication Standard, (Non-Mandatory Form) 29 CFR 1910. 1200.

Standard must be Form Approved consulted for specific requirements.OMB No.1218-0072

Section 1 - IDENTITY INFORMATION

Product Name (as used on label and list) MAXON Comic Ink

CI-101 MAXON Comic Ink White CI-102 MAXON Comic Ink Black CI-103 MAXON Comic Ink Sepia

CI-105 MAXON Comic Ink Black (Waterproof) CI-106 MAXON Comic Ink White (Waterproof)

CI-107 MAXON Comic Ink Grey

Manufacturer HOLBEIN Works, Ltd.

Address 2-2-5, Ueshio, Chuo-ku, Osaka-shi

OSAKA 542-0064 JAPAN

Telephone Number for information 81-6-6191-7722

Émergency Telephone Number 81-72-985-1223 Date Prepared 2014-7-22

Preparer ALAKI, Yutaka

Section 2- HAZARD IDENTIFICATION

This product is water-based and not classified as dangerous for supply or conveyance. The ingredients are waterreduceable and falls well within the acceptable safety limits.

GHS label elements Void

Classification: Non-regulated

Danger: Nonflammable, not explosive, not inexplosive in special case

Hazard information: Especially none
Acute toxicity: Category 5 / Low
Skin Irritation: Category 3
Eye Effects: Category 3

Respiratory Sensitization, Sensitization, Germ Cell Mutagenicity, Carcinogenicity, Reproductive

Toxicity, Ecological consideration: Especially none

Section 3- COMPOSITION / INGREDIENTS

Components		CI-101 White	CI-102 Black	CI–103 Sepia	CI-105 Black (WP)	CI-106 White (WP)	CI-107 Grey
Colorant * Binder *	Pigment Acrylic-Metacrylic	shown on table 1 of appendix.					
Dilidel *	Copolymer	_	_	\bigcirc	\bigcirc	\bigcirc	\bigcirc
	Gum Arabic	\bigcirc	_			_	_
	Polyvinyl Alcohol	_	\bigcirc	_	_	_	_
	Dextrin	\bigcirc	_	_	_	_	_
Moisturizer	D-sorbitol	_	\bigcirc			_	_
	Glycerin	\bigcirc	_			_	_
	Propylene Glycol	_	_	\bigcirc	\bigcirc	\bigcirc	\bigcirc
Fragrance	Camphor	_	\bigcirc			_	
Preservative	Benzisothiazol	\bigcirc	\bigcirc		_	\bigcirc	\bigcirc
	TBZ	\bigcirc			_	\bigcirc	_
Water *		\bigcirc	\bigcirc	\circ	\circ	\bigcirc	\bigcirc

Acrylic-Metacrylic Copolymer CAS No. 25852-37-3 Benzisothiazol CAS No.2634-33-5 Camphor CAS No.464-49-3 Dextrin CAS No.9004-53-9 D-sorbitol CAS No.50-70-4 Glycerin CAS No.56-81-5 Gum Arabic CAS No.9000-01-5 Polyvinyl Alcohol CAS No.9002-89-5 CAS No.57-55-6 Propylene Glycol TBZ (2-(4-thiazolyl)-benzimidazole) CAS No.148-79-8

*: main ingredient

Section 4- FIRST AID MEASURES

Eyes: In case of eye contact, rinse with plenty of water and if necessary consult

an eye specialst.

Ingestion: In case of swallowing, drink plenty of water. Induce vomiting. If you feel

unwell, seek medical advice.

Skin Contact: Wash with mild soap and plenty of water.

Inhalation: This product is not inhaled.

Section 5- FIRE AND EXPLOSION HAZARD DATA

Flammability: Not flammable, water-based product

Flash Point: N/A Autoignition Point: N/A

Section 6- ACCIDENTAL RELEASE MEASURES

Step to Be Taken in Case Material Is Released or Spilled: Take up with absorbent materials.

Section 7- HANDLING AND STORAGE

Precautions to Be Taken in Handling and Storing:

Avoid prolonged or repeated contact with skin and eyes.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Especially none

Engineering Controls: Use mechanical ventilation to control aerosol or mist if product is

sprayed.

Personal Protection: Avoid inhaling aerosols.

Section 9 - PHYSICAL / CHEMICAL CHARACTERISTICS

Appearance: Black, white, dark brown or grey opaque slurry

Specific Gravity (H2O = 1): 1.08 (Black) 1.10 (Black/WP)

1.80 (White) 1.60 (White/WP) 1.10 (Grey) 1.09 (Sepia)

Melting Point: N/A

Boilling Point: Approx. 100°C(212F degrees)

pH: $6.5 \sim 7.5$

Viscosity: 11mPa.s (Black)

Solubility in Water: ∞

Section 10 - HAZARD INFORMATION AND STABILITY

Physical Dangers: Especially none

Stability: Stable under normal state

Reactivity: None

Byproducts: Carbon dioxide, oxides of metals and water in case of fire.

Incompatibility (Materials to Avoid): None

Hazardous Decomposition or Byproducts: No thermal decomposition when stored and

handled correctly.

Section 11 - TOXICOLOGICAL INFORMATION

Primary Routes of Entry: Swallowing

Oral Toxicity (LD50): Above 250g/kg* (White), 560g/kg* (White/WP), 670g/kg*

(Grey, Black). Inapplicable to the others. *: Converted value based on preservative

Skin irritation: May cause irritation or burning or inflammation of eyes and skin.

Eye irritation: None, but hurtable

Carcinogenicity: No data available.

Sensitization, Mutagenicity, Teratogenicity, Reproductive Toxicity: No data available

Section 12 - ECOLOGICAL INFORMATION

No suitable information and no specific data is available for this product.

Section 13- DISPOSAL CONSIDERATIONS

Disposal Considerations: Small amount of Ink may be didposed pouring in a bag filled with

rags or paper. After dried, treat as flammable waste.

Section 14- TRANSPORT INFORMATION

UN Proper Shipping Name: Nonflammable Liquid

UN-number: N/A

Hazard Class: Non-regulated

Section 15- REGULATORY INFORMATION

Regulatory agencies and restrictions are minimal regarding conveyance or use of water-based products other than what has been specifically addressed.

Conforms to ACMI, Art & Creative Materials Institute, under ASTM D 4236.

Industrial Safety and Health Law: N/A

Fire Service Law: N/A
Pollutant Release and Transfer Register: N/A

Section 16- OTHER INFORMATION

Notice: The information of this sheet is based on the present state of our knowledge and does not therefore guarantee certain properties.

Appendix

Table 1 COLOR INFORMATION

CI-101	White	Titanium dioxide (Pigment White 6)	CAS No.13463-67-7
		Aluminium silicate (Pigment White 19)	CAS No.1344-00-9
		Calcium carbonate (Pigment White 18)	CAS No.471-34-1
CI-102	Black	Carbon black (Pigment Black 7)	CAS No.1333-86-4
CI-103	Sepia	Monoazo Pigment (Pigment Red 31)	CAS No.6448-96-0
		Disazo Pigment (Pigment Yellow 83)	CAS No.5567-15-7
		Carbon Black (Pigment Black 7)	CAS No.1333-86-4
CI-105	Black (Waterproof)	Carbon Black (Pigment Black 7)	CAS No.1333-86-4
CI-106	White (Waterproof)	Titanium dioxide (Pigment Whitw 6)	CAS No.13463-67-7
		Aluminium silicate (Pigment White 19)	CAS No.1344-00-9
CI-107	Grey	Monoazo pigment (Pigment Red 17)	CAS No.6655-84-1